Poster Session Reception

Wednesday, July 17 • 4:45 p.m. - 6:15 p.m.

(Presenters will be available at posters from 5:00 p.m. - 6:15 p.m.)

Location: The VŠE Building in the Atrium of the RB building
Address: nám. Winstona Churchilla 1938/4, 130 00 Praha 3 - Žižkov

Poster 1	**Yunhang Yin**	Estimating the root mean square error of approximation (RMSEA) with multiply imputed data under nonnormality
Poster 2	**Ying Yuan**	Bayesian latent class dynamic mediation model
Poster 3	**Suyu Liu**	Bayesian pattern-mixture model for nonignorable missing data in longitudinal mediation analysis
Poster 4	**Yuqi Liu**	A two-step estimator for growth mixture models with covariates
Poster 5	**Yuji Tsubota**	Causal mediation analysis for binary outcomes with asymmetric link functions
Poster 6	**Youn-Jeng Choi**	Culturally responsive testing using generative AI
Poster 7	**Yejin Woo**	Cultural and linguistic DIF in PISA 2018 reading assessment
Poster 8	**Naoto Yamashita**	Exploratory extension of generalized structured component analysis
Poster 9	**Pedro Henrique Ribeiro Santiago**	Longitudinal network of peer problems and emotional symptoms among adolescents
Poster 10	**Andreas Kurz**	An improved inferential procedure to evaluate item discriminations in a conditional maximum likelihood framework
Poster 11	**Hyunjee Oh**	Longitudinal R-DINA model: a solution to small samples
Poster 12	**Hongwei Zhao**	MixML-SEM: a parsimonious approach for finding clusters of groups with equivalent structural relations in presence of measurement non-invariance

Poster 13	**Cecilia Marconi**	An early numeracy brief assessment: parametric and non-parametric IRT models
Poster 14	**Seunghyun Lee**	Latent conjunctive Bayesian network: unify attribute hierarchy and Bayesian network for cognitive diagnosis modeling
Poster 15	**Jeongwon Choi**	Do (non-)regularized partial correlation networks generalize? Re-evaluation of network generalizability
Poster 16	**Linn Zapffe**	Modeling age as predicting rater disagreement with a tri-factor model
Poster 17	**Ikko Kawahashi**	Asymptotic standard errors of equating coefficients using second-order delta method for non-parametric ability distribution
Poster 18	**Fathima Jaffari**	Cutoff for the deleted-one-covariance-residual case influence measure in covariance structure analysis
Poster 19	**Siqi Sun**	Precision and practicality: a comparative simulation of measurement properties of visual analog scales and likert scales
Poster 20	**Haeyeon Ahn**	Exploring performance and utilization of generative AI based essay assessment
Poster 21	**Katarzyna Zawisza**	Psychometric properties of online social capital measurements in health studies: scoping review
Poster 22	**You-Lin Chen**	Behavior of modified test statistics in correlation structure analysis
Poster 23	**Reeta Kankaanpää**	Factor scores or sum scores when evaluating intervention effectiveness?
Poster 24	**Denny Kerkhoff**	Proposing a two-step simulation procedure to assess replicability for planned studies
Poster 25	**Emma Somer**	Comparing regularization, alignment, and model modification for partial measurement invariance
Poster 26	**Krystof Petr**	Using machine learning for extracting personality insights from projective responses on inkblots
Poster 27	**Hun Won Choi**	Topic analysis of the AI-based assessment using LDA topic modeling
Poster 28	**Sam Cacace**	Military stigma scale invariance across national guard education and paygrade
Poster 29	**Marwin Carmo**	A holistic view of academic performance: beyond averages with MELSM and spike-and-slab
Poster 30	**Nele Bögemann**	The crossed random effects drift diffusion model – a simulation study
Poster 31	**Eunji Lee**	Item and test development for next generation assessments
Poster 32	**Kamila Zahradnickova**	Innovation as a dynamic system: a network approach to employee innovativeness
Poster 33	**André Achim**	A signal cancelling approach to exploratory factor analysis.
Poster 34	**Chia-Yen Hsieh**	A study of maternal involvement, family environmental diversity and social competence of young children in different ethnic groups-secondary data research from kids in Taiwan-national longitudinal study of child development and care (KIT)
Poster 35	**Sugyung Goh**	DIF detection using Rasch trees method and mixture Rasch model
Poster 36	**Seongkyung Kim**	Research trends in alternative education using keyword network analysis
Poster 37	**Youxiang Jiang**	The response style in continuous bounded response: modeling and application
Poster 38	**Hannelies de Jonge**	How to include dichtomous variables in meta-analytic structural equation modeling?

Poster 39	**Kentaro Hayashi**	A note on the bias correction of estimated eigenvalues applied to a correlation matrix, with applications to factor analysis
Poster 40	**You Kyoung Hwang**	The impact of measurement non-invariance on ANCOVA performance
Poster 41	**Michalis Michaelides**	Predictors of response-time effort across countries in PISA 2015 science
Poster 42	**Zhiyuan Shen**	Comparison of component-based SEM methods in testing component interaction effects
Poster 43	**Marek Muszyński**	Response styles stability modelled with IRTrees
Poster 44	**Carmen Ximenez**	Sensitivity of goodness-of-fit indices to model misspecification in Bifactor models: a simulation study examining the consequences of ignoring cross-loadings
Poster 45	**Javier Revuelta**	Overfactoring in skewed rating scale data: a comparison between factor analysis and the graded response model
Poster 46	**Yilin Li**	Determining the number of factors in exploratory factor analysis with model error
Poster 47	**Inés Tomás**	Identifying predictors of careless responding trajectories over time
Poster 48	**Yasuhiro Yamamoto**	Estimation issues in growth curve models with short waves
Poster 49	**Timo Bechger**	Model-based test and item analysis
Poster 50	**Lingling Wang**	Utilizing the Bayesian networks' structural learning algorithm to estimate q-matrix in cognitive diagnosis models
Poster 51	**Sarah Humberg**	Estimating nonlinear effects of random slopes with multilevel SEM
Poster 52	**Michaela Cichrová**	Differential item functioning: effect sizes classification
Poster 53	**Viola Merhof**	How to (not) successfully separate trait and response style parameters in IRTree models
Poster 54	**Michaela Varejkova**	Leveraging factor copula models to address non-normality and heavy-tailed distributions in cyberbullying data
Poster 55	**Alexander Avian**	A new approach for detecting prosopagnosia in children
Poster 56	**Una Mikac**	Interpretation of change scores in latent change score models
Poster 57	**Anna Comotti**	Exploring youth mental health with IRT: proposal of GHQ-12 reassessment
Poster 58	**Lisa Peeters**	Mapping methodological variations in ESM research: a systematic review
Poster 59	**Hannah Lewis**	Multi-method evaluation of the predictive utility of self-report measures
Poster 60	**Youmin Hong**	Quantifying predictive uncertainty in validity studies
Poster 61	**Paulina Grekov**	Bayesian posterior predictive checks to analyze flexible distributional models
Poster 62	**Hyunjung Lee**	Performance of parallel analysis in bifactor model with ordinal items
Poster 63	**Meltem Ozcan**	Comparing traditional measurement invariance and alignment approaches to data harmonization
Poster 64	**Jongpil Kim**	Preliminary study: differential latency of individually administered clinical assessments
Poster 65	**James Zoucha**	Test length optimization with deep reinforcement learning
Poster 66	**Jun-Ting Liu**	Robustness of balanced item parceling in treating acquiescence in SEM

Poster 67	**Pieter Schaap**	Testing minor factors incremental value in an essentially unidimensional measure of work-family enrichment
Poster 68	**Haneul Lee**	Exploring the feasibility of automatic item generation for Korean language assessment considering item types
Poster 69	**John Sabatini**	Item and scale invariance: comparing at-risk post-secondary to school students
Poster 70	**Yi-Jou Chen**	Psychosocial factors influence undergraduates' mental health: a SEM mediation analysis
Poster 71	**Luqi He**	Evaluation of GAIN's performance in handling missing data in SEM
Poster 72	**Hyunjoo Kim**	A two-step q-matrix estimation method
Poster 73	**Haruhiko Mitsunaga**	A visualization method to describe test equating procedure
Poster 74	**Che Cheng**	Existence and uniqueness of MLE of the ability in IRT
Poster 75	**Shuang Wang**	Uncovering efficient reasoning strategies in interactive inquiry tasks using sequence mining
Poster 76	**Qing Cai**	Detecting DIF in PISA reading frequency measurement
Poster 77	**Jooho Lee**	Trends in teacher professionalism studies using keyword network analysis
Poster 78	**Diego Iglesias**	Predictive metrics in multilevel models with continuous outcomes
Poster 79	**Cheng-Hsien Li**	The performance of latent mean estimates: comparing full and partial scalar invariance
Poster 80	**Angelina Kuchina**	Added value of subscale change scores for evaluating individual change
Poster 81	**Haruki Oka**	Refinement of automatic item generation for mathematical questions: applying item response theory to large language models
Poster 82	**Eva Šragová**	Do visual analogue scales perform better than Likert-type scales?
Poster 83	**Miguel A. Sorrel**	Framework choice: discrete (CDM) or continuous (MIRT) modeling in psychometrics
Poster 84	**Nai-En Tang**	Examining the complex structure of OSCEs using exploratory graph analysis
Poster 85	**Zhaoyu Wang**	Using a bi-factor version of MGGUM for multidimensional proximity-based data
Poster 86	**Igor Himelfarb**	Item classification by functional principal component clustering and neural networks
Poster 87	**Adam Strojil**	Video-administered questionnaire: psychometric properties and comparison with a text-based format
Poster 88	**Po-Yi Chen**	Conducting specification search for partial invariance models with unbalanced data
Poster 89	**Theren Williams**	A study on restricted HMMs for latent class attribute transitions
Poster 90	**Yewon Kim**	Comparing LPA results by missing data methods in various conditions
Poster 91	**Hyeonjoo Oh**	Measurement invariance of the WJ IV in clinical samples
Poster 92	**Shunsen Huang**	ChatGPT in the social and health sciences: can ChatGPT help people improve their health literacy?
Poster 93	**Jiwei Zhang**	Fast and efficient distributed Bayesian inference in large-scale educational assessment
Poster 94	**Stella Kim**	Multivariate generalizability theory for automated item generated test forms

Poster 95	**Xue Zhang**	How many IRT parameters does it take to high stake test?
Poster 96	**Yi-Jhen Wu**	The impact attribute hierarchies' distribution on diagnostic classification accuracy
Poster 97	**Yi Hsuan Tseng**	Conditional process analysis with measurement errors via R package silp
Poster 98	**Yoshikazu Terada**	Statistical properties of matrix decomposition factor analysis
Poster 99	**Anikó Lovik**	Combining results from a large number of cluster analyses: a proof-of-concept analysis
Poster 100	**Bing Cai Kok**	Estimating Controllability metrics for ordinal vector autoregressive models
Poster 101	**Meltem Acar Güvendi**	To what extent dominant items effect on factor retention methods' performance?
Poster 102	**Michalina Gajdzica**	Evaluating DIF within the vulnerability to abuse screening scale (VASS)
Poster 103	**Jiří Novák**	Anonymisation of data for open science in psychology
Poster 104	**Kaitlin Griffith**	Exploring child well-being trends through psychometric meta-analysis of international large-scale assessments
Poster 105	**Edita Chvojka**	Opening a Pandora's box of SEM: a systematic review of model characteristics influencing model fit
Poster 106	**Anna Panzeri**	Assessing discriminant validity: bridging traditional and modern approaches
Poster 107	**Klint Kanopka**	A LASSO approach for short form item selection
Poster 108	**Anna Winklerová**	Linguistic features usability analysis in educational context
Poster 109	**Meltem Ozcan**	Does deleting biased items make selection fairer and more accurate?
Poster 110	**Filip Martinek**	Predicting item difficulty with text analysis and machine learning in different languages and item types
Poster 111	**Younyoung Choi**	A two-step approach for personalized treatment recommendations in mental health using convex generalized structured component analysis and Bayesian networks
Poster 112	**Victor Ortuño**	Adaptation and preliminary reliability studies of basic interest markers (BIM)
Poster 113	**Preston Botter**	Beyond normal: exploring RMSD performance with alternative theta distributions
Poster 114	**Jordan Wheeler**	Impact of priors on parameter estimates of the Rasch model
Poster 115	**Yen Lee**	The performance of different shrinkage parameter decision principle for GME-EFA
Poster 116	**Yevgeniy Ptukhin**	The impact of non-normality on DIF detection for dichotomous items
Poster 117	**Jeremy Miles**	The robustness of test statistics to nonnormality and specification error in confirmatory factor analysis: a replication
Poster 118	**Wenjuo Lo**	The issues with alternative fit indices of CFI and RMSEA
Poster 119	**Minsun Chi**	Complementing Rasch-trees with various DIF detection methods for media-addiction scale
Poster 120	**Carolina Guidotti**	Adaptation and preliminary validity results of questionnaire on negative stereotypes towards old age (CENVE)